

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/031688

A. CLASSIFICATION OF SUBJECT MATTER
F16D41/08 F16D41/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 253 041 A (NEW VENTURE GEAR, INC) 30 October 2002 (2002-10-30) paragraph '0025! - paragraph '0027!; figures 3-5	1, 19
A	US 2003/092528 A1 (WILLIAMS RANDOLPH C) 15 May 2003 (2003-05-15) paragraph '0037! - paragraph '0049!	1, 19
P, A	WO 2005/068867 A (TIMKEN US CORPORATION; JOKI, MARK, A) 28 July 2005 (2005-07-28) paragraph '0014! - paragraph '0015!; figures	1, 19

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

28 November 2005

Date of mailing of the international search report

06/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Foulger, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/031688

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1253041	A	30-10-2002	AT 297848 T	15-07-2005
			DE 60204624 D1	21-07-2005
			US 2002157890 A1	31-10-2002
			US 2004168545 A1	02-09-2004
			US 2004067812 A1	08-04-2004
<hr/>				
US 2003092528	A1	15-05-2003	CA 2465346 A1	22-05-2003
			EP 1444454 A2	11-08-2004
			WO 03042564 A2	22-05-2003
			US 2003195080 A1	16-10-2003
<hr/>				
WO 2005068867	A	28-07-2005	NONE	
<hr/>				